



<http://www.mn-arts.org/>

January 2019 Edition

January Meeting Minutes

Russ Ramirez, K0WFS, called the meeting to order at 1:30 PM. (Late start due to doors being locked on arrival.) 14 were in attendance.

- The October 2019 Minutes were approved.
- Paul Bushouse, N0TYE, reports there is \$2112.70 in the club account.

Old Business:

There was no old business to discuss.

New Business:

Jim Nedbalek, AJ0O, reported the Minnetonka Radio Club would be participating in the Minnesota QSO Party the morning of the first Saturday in February (February 1) from this location. People are expected to begin arriving about 8:30AM. All are welcome to join in.

Jim also reported that Dave, W0RU, has moved to senior housing and is working

on getting set up with a computer and getting on 2 Meters.

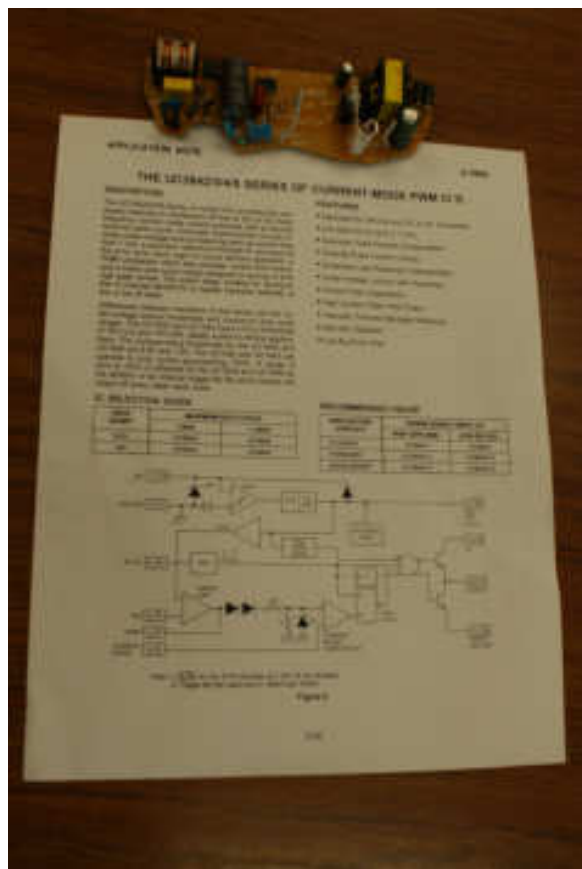
And Jim also reported that Suszi Blue Bewaji has a huge supply of parts, tools, etc. from an E.F. Johnson lab in Waseca that she wants to sell. More information is available on Facebook at <https://www.facebook.com/groups/374664875945026/> or by phone from Suszi at 507-340-8029.

Russ Ramirez, K0WFS, led a discussion on the Build-A-Thon coming up in April. At present Russ does not have a specific project in mind. He would like to get away from test equipment this time and do something involving radio circuits. Russ would like to hear any and all ideas from the membership. Some ideas that were thrown out included a beacon, a stand-alone FT-8 rig, and tube radios. Any ideas or interests, please contact Russ.

Steve Ulrich, NW0C inquired whether anyone had built the Four States QRP group 75M 10W AM transceiver. If anyone has, Steve would like to hear about their experience.

Show and Tell:

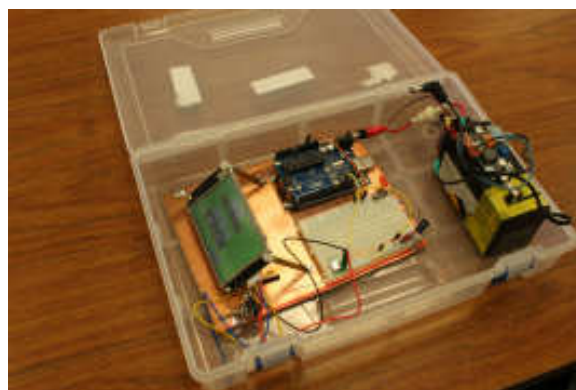
Steve Ulrich, NW0C, brought in the power supply from an LED workbench light fixture. The power supply had failed and Steve was curious about what was inside and whether or not it was repairable. Steve managed to identify the chip that controls the supply and find a data sheet.



John Krawczak, KJ0P, Brought a Nextion display he has been experimenting with. He was inspired by the November Build-A-Thon project and obtained a turn-key breadboard kit as a way to get started. The display is contained in a plastic box. John noted there are standard and enhanced Nextion displays available. The

enhanced versions have some newer features.

John also has 3-D printed a housing for the display itself as well as some 3D mic holders he made available.



Jeremy Mooney, KC0LDI, brought in an assortment of multi-pin connectors and other items for the taking.

Russ Ramirez, K0WFS, brought in the 22nd edition to the ARRL Antenna Book with CD for anyone who wants it.

January Presentation

Bob Liesenfeld, WB0PRQ, gave a presentation on grinding the mirrors and lenses used in astronomy telescopes. Bob explained the general different types of telescopes (refractors that use

lenses and reflectors that use mirrors) and the basic pros and cons of each. He described the process involved in

turning a flat glass blank into a properly shaped mirror or lens surface.

Club Officers:

President: Russ Ramirez/K0WFS
Vice Pres: Jeremy Mooney/KC0LDI
Secretary: Bede Willenbring/WA0QNV
Treasurer: Paul Bushouse/N0TYE
At Large: Bob Liesenfeld/WB0POQ

russ.ramirez@gmail.com
kc0ldi@qux.net
bdw@centurylink.net
p-bushouse@bethel.edu
wb0poq@visi.com